

<p style="text-align: center;">ARIZONA DEPARTMENT OF AGRICULTURE</p> <p style="text-align: center;"><u>DIRECTOR'S ADMINISTRATIVE ORDER</u></p> <p style="text-align: center;">PLANT SERVICES DIVISION</p> <p style="text-align: center;">GIANT SALVINIA</p>	<p><u>DIVISION/</u> <u>PROGRAM</u> <u>5</u></p> <p><u>ORDER</u> <u>DAO 99-03</u></p> <p><u>S/ Sheldon R. Jones</u></p> <p><u>SIGNATURE</u> <u>8/25/99</u></p> <p><u>EFFECTIVE DATE</u></p>
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1. PURPOSE

To prevent the entry or further infestation or contamination of giant salvinia into the state.

2. AUTHORITY

A.R.S. § 3-205 Abatement of nuisance not imminently dangerous; procedure; lien; foreclosure; release of lien; reimbursement costs and penalties to the state for certain abatements.

A.R.S. § 3-205.1 Summary abatement of noxious weeds, crop pests or diseases under preapproved programs.

A.R.S. § 3-208 Hearing on Plant Menace; Evidence; Quarantine zones; Violation

3. RESPONSIBILITY

The associate director and supervisors of the plant services division shall ensure that all employees understand and comply with this order.

4. APPLICABILITY

This order applies to the movement of commodities and areas infested with giant salvinia within the area under quarantine.

5. ORDER

A. This order modifies A.A.C. R3-4-244, Regulated and Restricted Noxious Weeds by adding the following underlined language:

(A)(3) Add to the list of pests: Salvinia molesta – Giant salvinia,

(C)(5) Aquariums

(C)(6) Any appliance, used aquarium supplies, construction or dredging equipment, boat, boat trailer or related equipment, or any other vehicle with soil attached or carrying plant debris.

B. This order modifies A.A.C. R3-4-245, Prohibited Noxious Weeds by adding the following underlined language.

(A)(2) Add to list of pests: Salvinia molesta – Giant salvinia,

(C)(5) Aquariums

(C)(6) Any appliance, used aquarium supplies, construction or dredging equipment, boat, boat trailer or related equipment, or any other vehicle with soil attached or carrying plant debris.

(D) The Department shall quarantine any commodity infested or contaminated with a pest and shall notify the owner or carrier of the methods of removing or destroying the pest from the commodity. The Department shall reject any shipment not released to the receiver and reship to the shipper.

6. IMPLEMENTATION

This order shall be implemented on the effective date and remain effective until the rulemaking process to effect these changes are complete.

R3-4-244. Regulated and Restricted Noxious Weeds

- A. Definitions. In addition to the definitions provided in A.R.S. § 3-201, the following terms apply Section:
1. "Infested area" means each individual container in which a pest is found or the specific area that harbors a pest.
 2. "Regulated pest" means any of the following plant species, including viable plant parts (stolons, rhizomes, cuttings and seed, except agricultural, vegetable, and ornamental seed for planting purposes), found within the state may be controlled to prevent further infestation or contamination:
Cenchrus echinatus L. – Southern sandbur,
Cenchrus incertus M.A. Curtis – Field sandbur,
Convolvulus arvensis L. – Field bindweed,
Eichhornia crassipes (Mart.) Solms – Floating waterhyacinth,
Medicago polymorpha L. – Burclover,
Portulaca oleracea L. – Common purslane,
Tribulus terrestris L. – Puncturevine
 3. "Restricted Pest" means any of the following plant species, including viable plant parts (stolons, rhizomes, cuttings and seed, except agricultural, vegetable and ornamental seed for planting purposes), found within the state shall be quarantined to prevent further infestation or contamination:
Acroptilon repens (L.) DC. – Russian knapweed,
Aegilops cylindrica Host. – Jointed goatgrass,
Alhagi pseudalhagi Bieb.) Desv. – Camelthorn,
Cardaria draba (L.) Desv. – Globed-podded hoary cress (Whitetop),
Centaurea diffusa L. – Diffuse knapweed,
Centaurea maculosa L. – Spotted knapweed,
Centaurea solstitialis L. – Yellow starthistle, (St. Barnaby's thistle).
Cuscuta spp. – Dodder,
Elytrigia repens (L.) Nevski – Quackgrass,
Euryops sunbcarnosus subsp. vulgaris – Sweet resinbush,
Halogeton glomeratus (M. Bieb.) C. A. Mey – Halogeton,
Helianthus ciliaris DC. – Texas blueweed,
Ipomoea triloba L. – Three-lobed morning glory,
Linaria genistifolia var. *dalmatica* – Dalmation toadflax,
Onopordum acanthium L. – Scotch thistle.
- B. Area under quarantine: All infested areas within the state.
- C. The following commodities are hosts or carriers of the regulated or restricted pest:
1. All plants other than those categorized as a regulated or restricted pest;
 2. Forage, straw and feed grains;
 3. Live and dead flower arrangements;
 4. Ornamental displays; and
 5. Any appliance, construction or dredging equipment, boat, boat trailer or related equipment, or any other vehicle with soil attached or carrying plant debris.
- D. The Department may quarantine any commodity or area infested or contaminated with a regulated pest and notify the owner or carrier of the restrictions and treatments listed in subsections (F) and (G). If the regulated pest is not quarantined, the Department shall provide the grower with technical information on effective weed control activities through integrated pest management.
- E. The Department may quarantine any commodity or area infested or contaminated with a restricted pest and shall notify the owner or carrier of the restrictions and treatments of the pest listed in subsections (F) and (G).
- F. Restrictions.
1. No regulated or restricted pest of commodity infested or contaminated with a regulated or restricted pest shall be moved to a non-infested area unless the Director issues a permit for the transporting or propagating of the pest.
 2. An owner or the owner's representative shall notify the Department at least 2 working days in advance of moving contaminated equipment from an infested area.

3. The Department may inspect all equipment within 2 working days after a request to inspect the equipment is made if the equipment:
 - a. Has been moved into or through a non-infested area,
 - b. Has not been treated, or
 - c. Has been used to harvest an infested crop within the past 12 months.
- G. Treatments.
 1. An owner or the owner's representative shall treat all soil and debris from equipment used in a quarantined area until it is free of the regulated or restricted pest before the equipment is moved.
Removal or destruction of the restricted or regulated pest shall be accomplished through 1 of the following methods:
 - a. Autoclaving.
 - i. Dry heat. The commodity shall be heated for 15 minutes at 212° F.
 - ii. Steam heat. The commodity shall be heated for 15 minutes at 212° F.
 - b. Fumigating with ethylene oxide, chamber only: The commodity shall be fumigated with 1,500 mg/L for 4 hours in a chamber pre-heated to 115-125° F.
 - c. High pressure water spray;
 - d. Crushing;
 - e. Incinerating; or
 - f. Burying in a sanitary landfill to a depth of 6 feet.
 2. An owner or the owner's representative shall treat an infested area, including the area within the crop, rangeland, ditchbank, roadside, private property, or body of water, with treatments based on an integrated pest management program appropriate to the commodity. The treatments shall take place under the direction of an inspector and shall include:
 - a. Reshipment from the state;
 - b. Manual removal;
 - c. Application of a herbicide;
 - d. Biological control including insects, fungi, nematodes or microbes; or
 - e. Any other treatment approved by the Director.

07-15-99

R3-4-245. Prohibited Noxious Weeds

- A. Definition. In addition to the definitions provided in A.R.S. § 3-201, the following apply to this Section:
 1. "Infested area" means each individual container in which a pest is found, the specific area that harbors the pest, or any shipment that has not been released to the receiver and is infested with a pest.
 2. "Pest" means any of the following plant species, including viable plant parts (stolons, rhizomes, cuttings and seed, except agricultural, vegetable and ornamental seed for planting purposes), that are prohibited from entering the state:
 - a. *Acroptilon repens* (L.) DC. – Russian knapweed,
 - b. *Aegilops cylindrica* Host. – Jointed goatgrass,
 - c. *Alhagi pseudalhagi* (Bieb). Desv. – Camelthorn,
 - d. *Alternanthera philoxeroides* (Mart.) Griseb. – Alligator weed,
 - e. *Cardaria pubescens* (C.A. Mey) Jarmolenko – Hairy whitetop,
 - f. *Cardaria chalepensis* (L.) Hand-Muzz – Lens podded hoary cress,
 - g. *Cardaria draba* (L.) Desv. – Globed-podded hoary cress (Whitetop),
 - h. *Carduus acanthoides* L. – Plumeless thistle,
 - i. *Cenchrus echinatus* L. – Southern sandbur,
 - j. *Cenchrus incertus* M.A. Curtis – Field sandbur,
 - k. *Centaurea calcitrapa* L. – Purple starthistle,
 - l. *Centaurea iberica* Trev. ex Spreng. – Iberian starthistle,
 - m. *Centaurea squarrosa* Willd. – Squarrose knapweed,
 - n. *Centaurea sulphurea* L. – Sicilian starthistle,
 - o. *Centaurea solstitialis* L. – Yellow starthistle (St.Barnaby's thistle),
 - p. *Centaurea diffusa* L. – Diffuse knapweed,
 - q. *Centaurea maculosa* L. – Spotted knapweed,

- r. *Chondrilla juncea* L. – Rush skeletonweed,
- s. *Cirsium arvense* L. Scop. – Canada thistle,
- t. *Convolvulus arvensis* L. – Field bindweed
- u. *Coronopus squamatus* (Forskal) Ascherson – Creeping wartcress (*Coronopus*),
- v. *Cucumis melo* L. var. *Dudaim* Naudin – Dudaim melon (Queen Anne's melon),
- w. *Cuscuta* spp. – Dodder
- x. *Drymaria arenarioides* H.B.K. – Alfombrilla (Lightningweed),
- y. *Eichhornia azurea* (SW) Kunth. – Anchored waterhyacinth,
- z. *Elytrigia repens* (L.) Nevski – Quackgrass,
- aa. *Euphorbia esula* L. – Leafy spurge,
- bb. *Halogeton glomeratus* (M. Bieb.) C. A. Mey – Halogeton,
- cc. *Helianthus ciliaris* DC. – Texas blueweed,
- dd. *Hydrilla verticillata* Royale – Hydrilla (Florida-elodea),
- ee. *Ipomoea* spp. – Morning glory. All species except *Ipomoea carnea*, Mexican bush morning glory; *Ipomoea triloba*, Three-lobed morning glory (which is considered a restricted pest); and *Ipomoea aborescens*, morning glory tree.